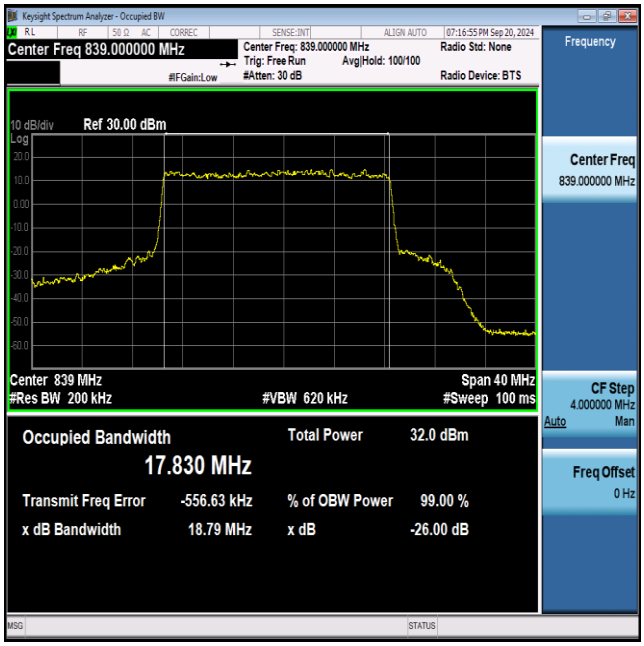

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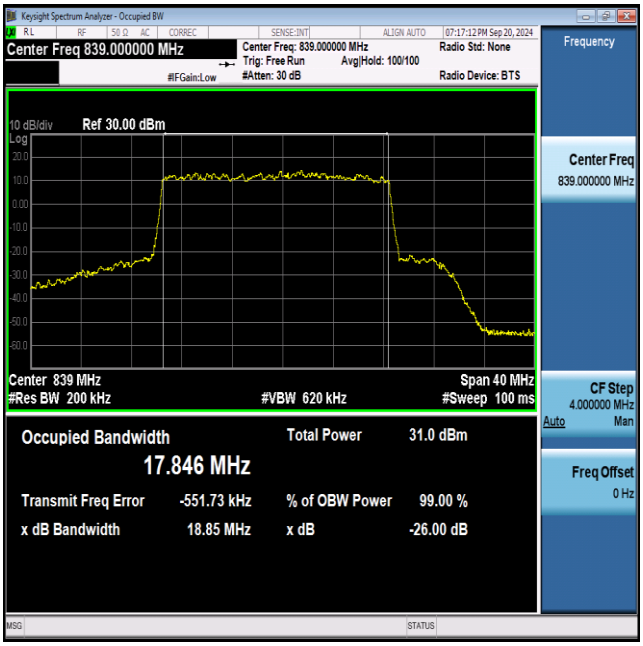

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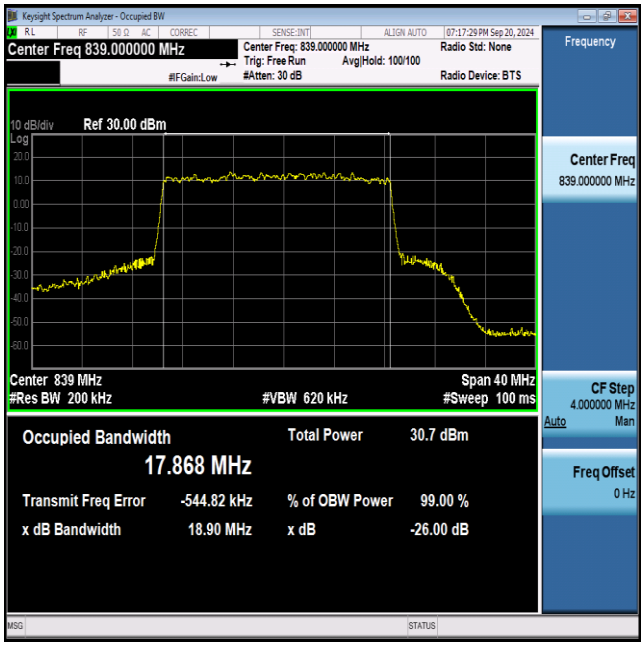

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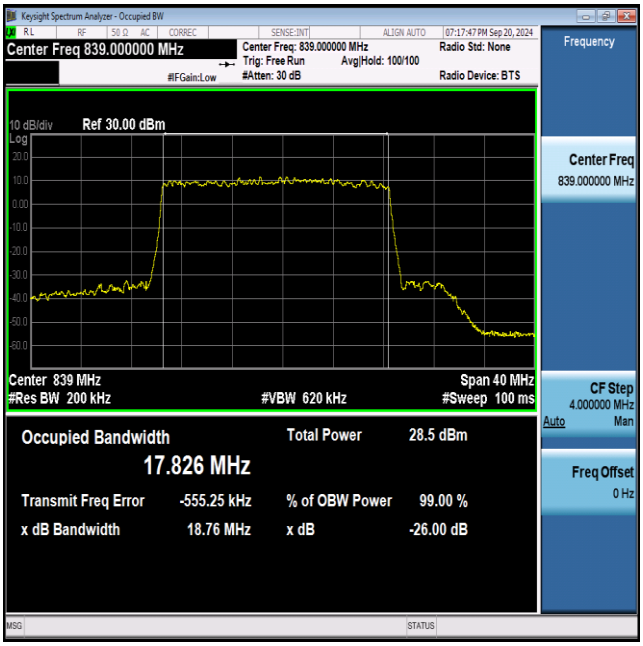

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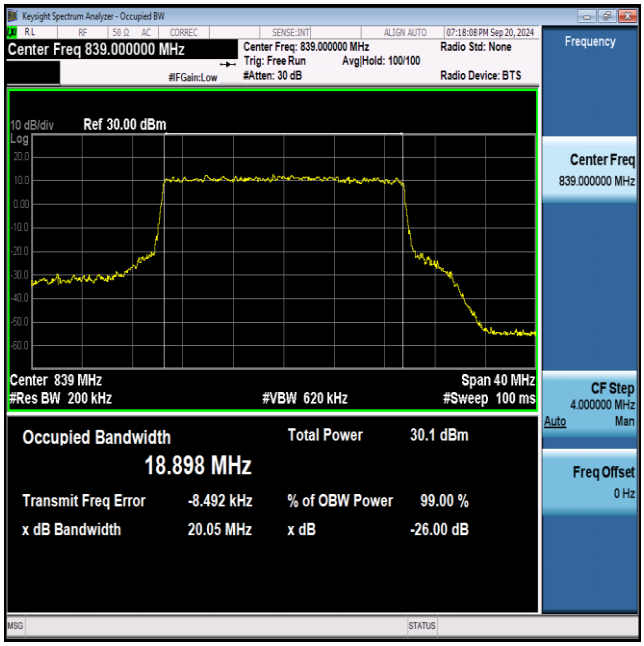

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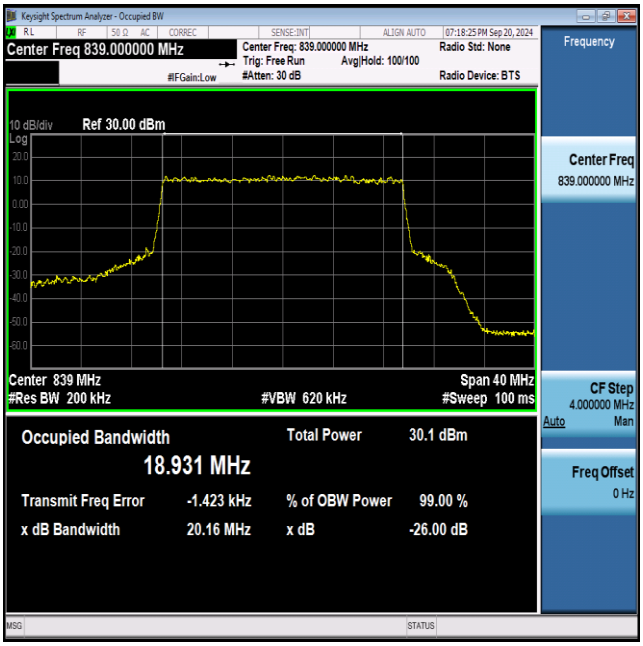

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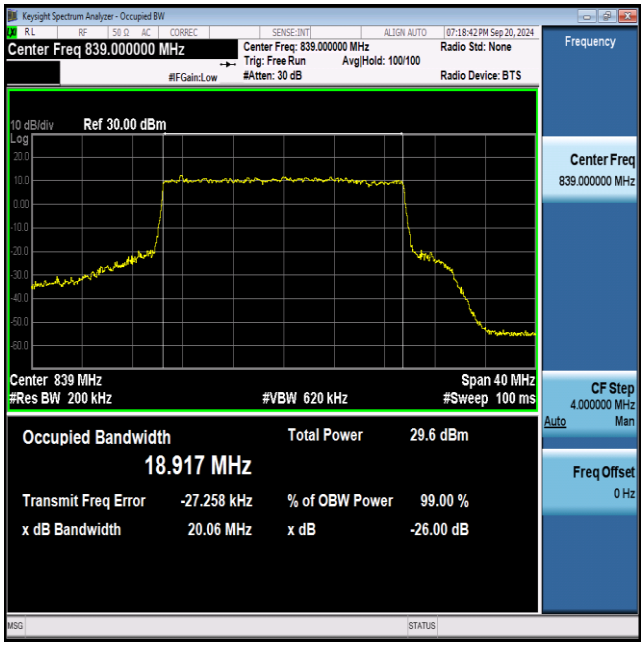

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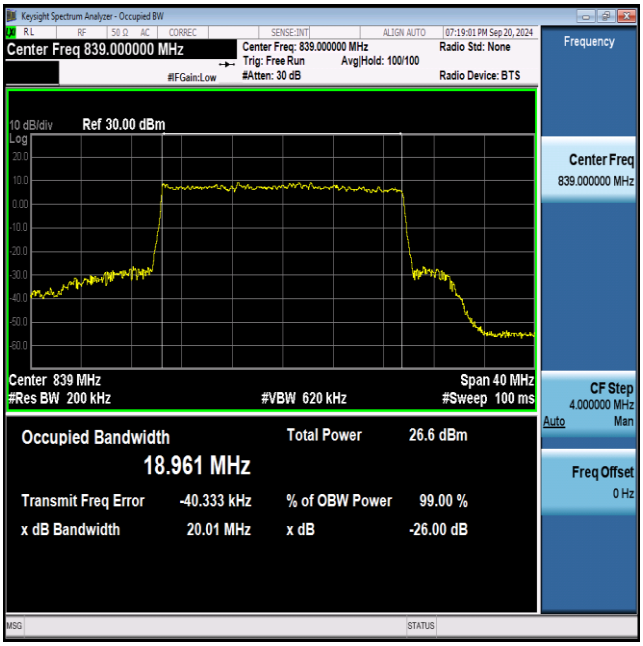

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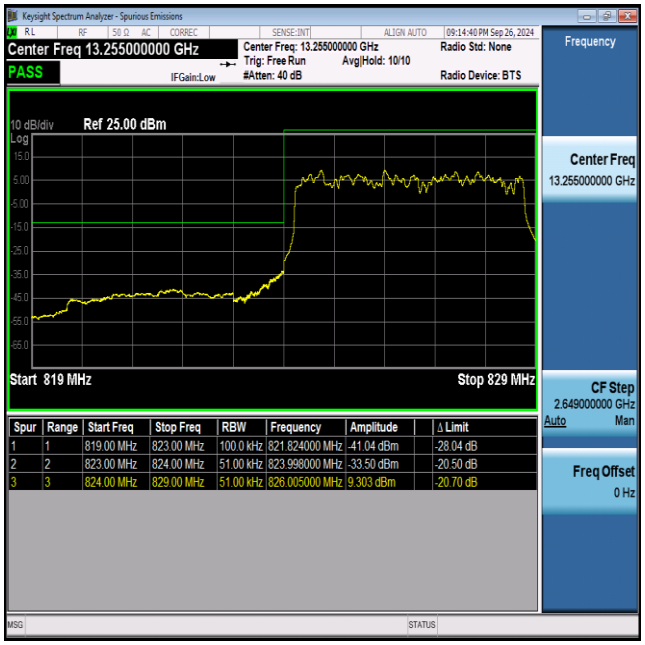
Band Edge for SA

Test Graphs



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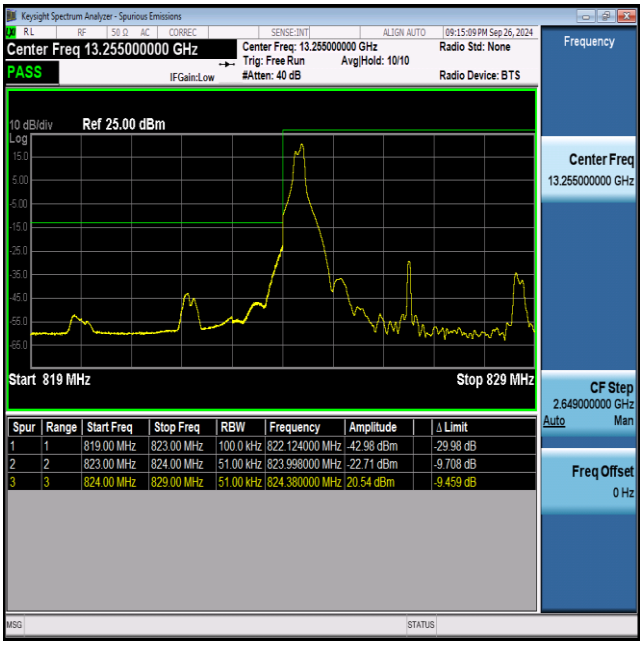

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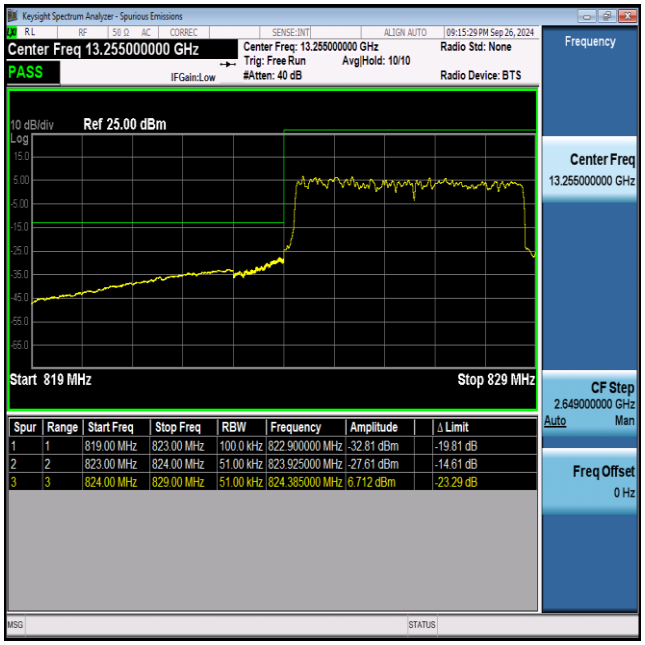

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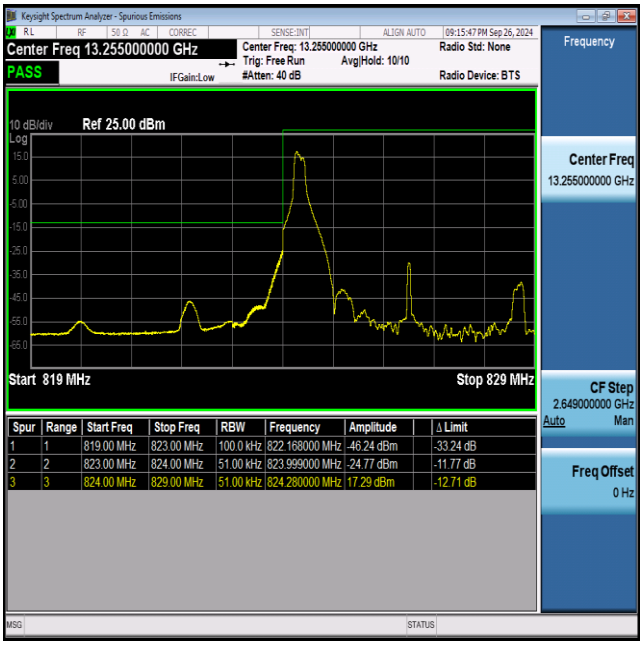

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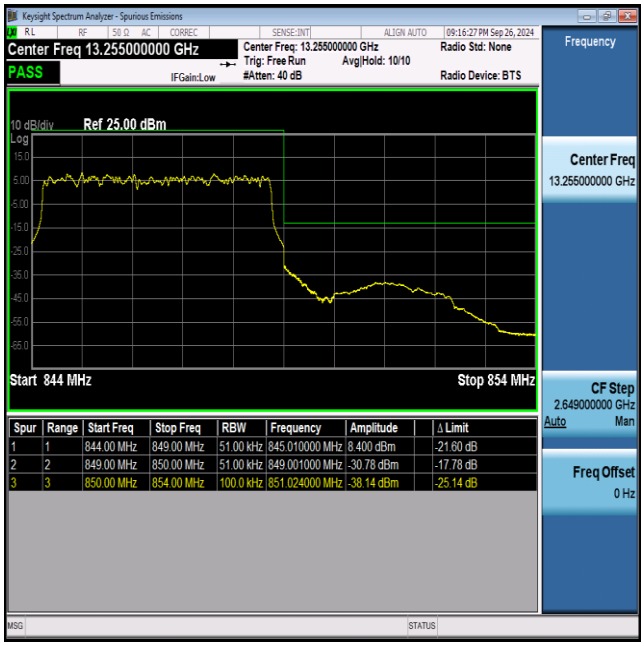

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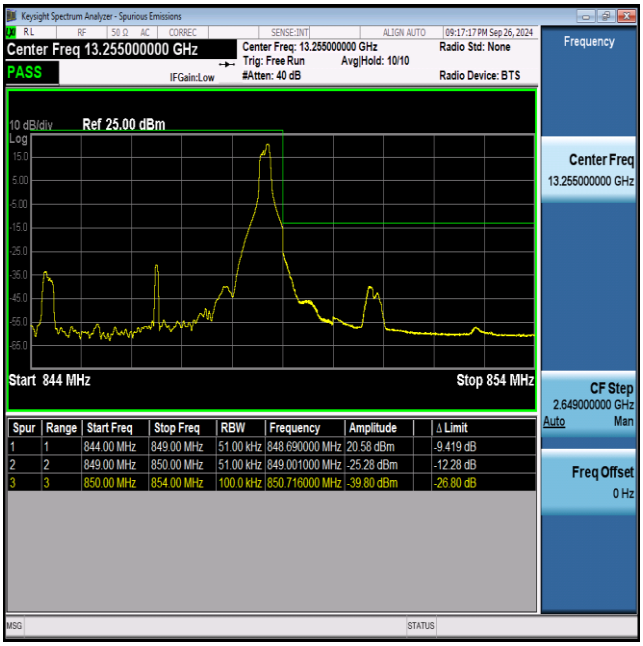

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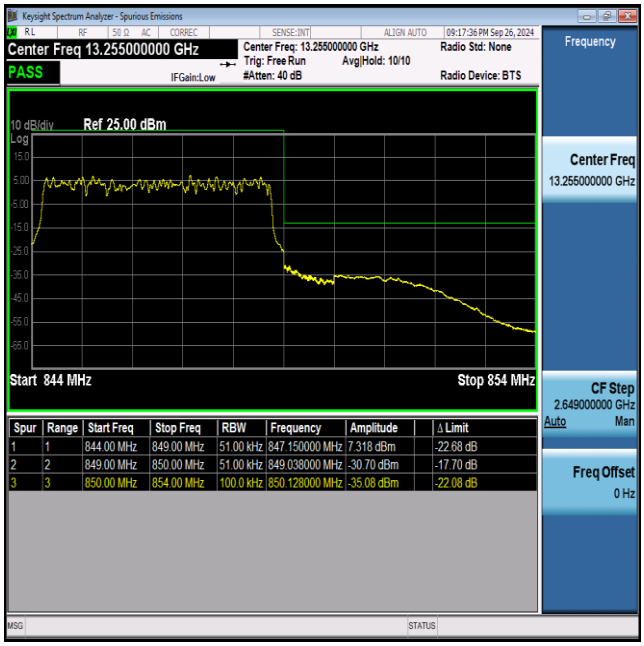

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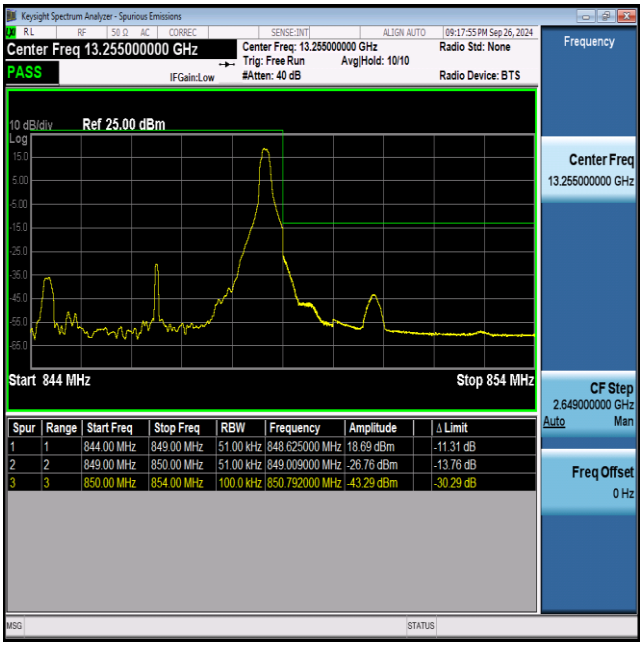

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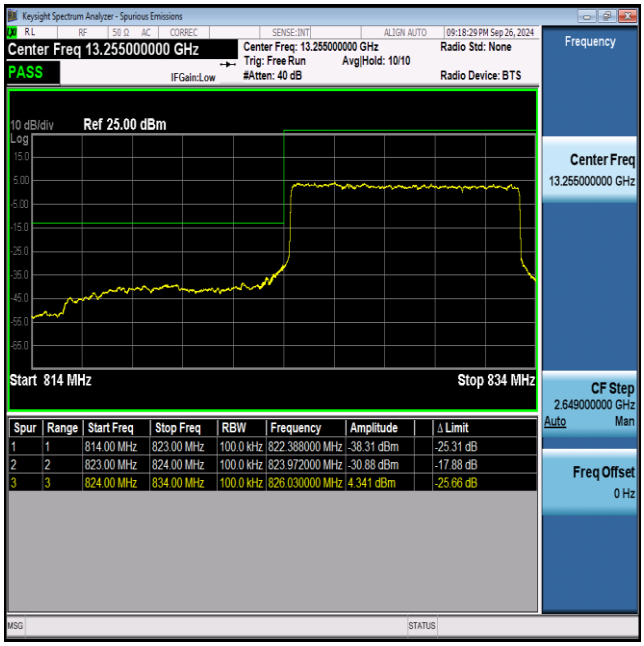

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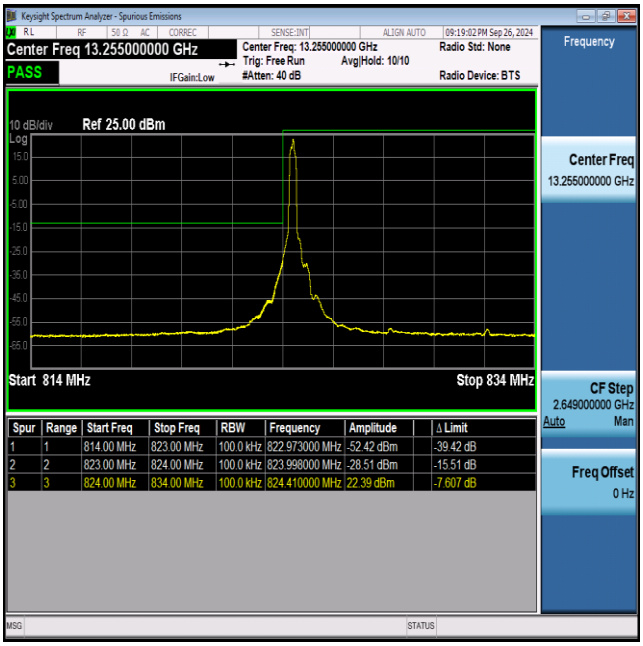

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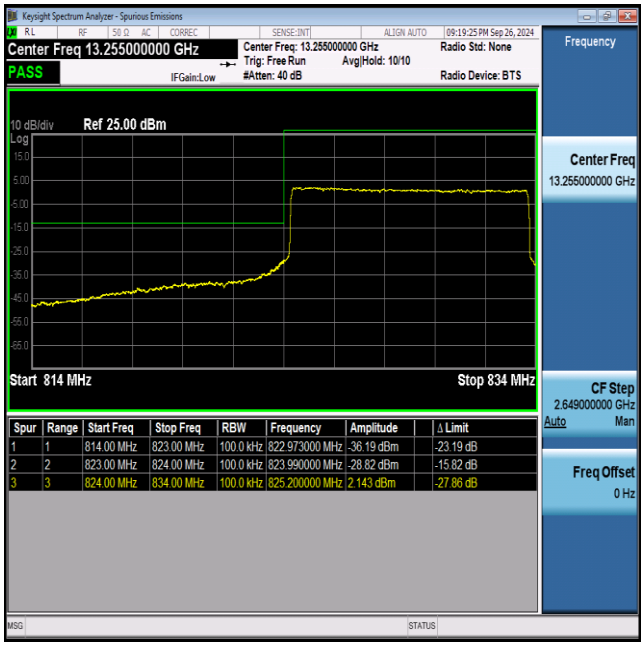

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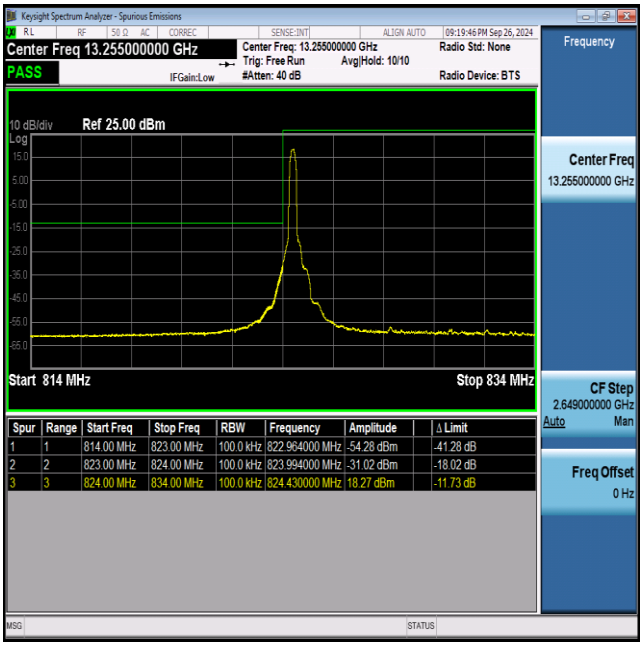

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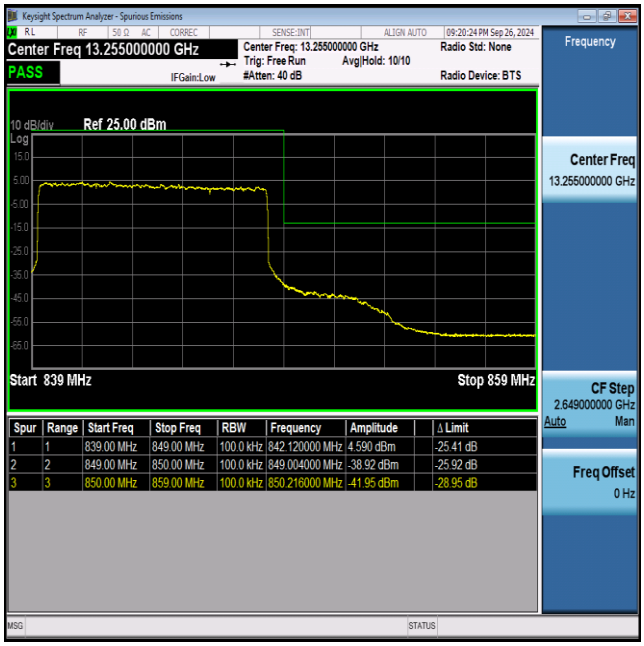

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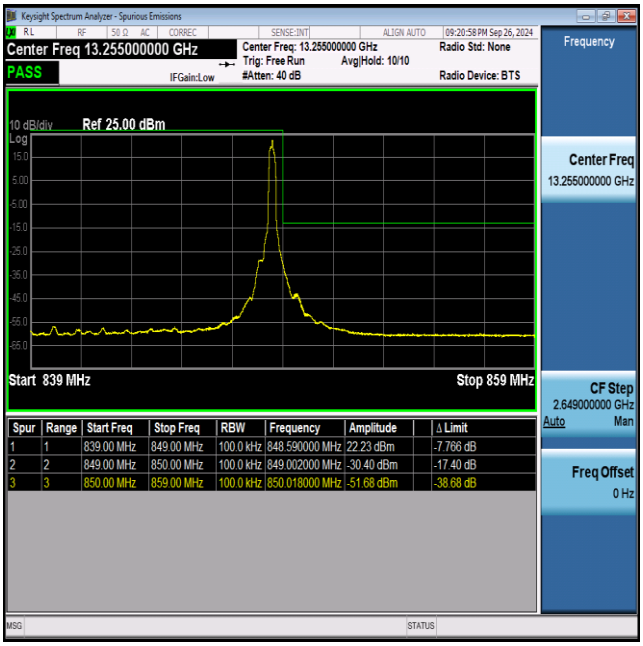

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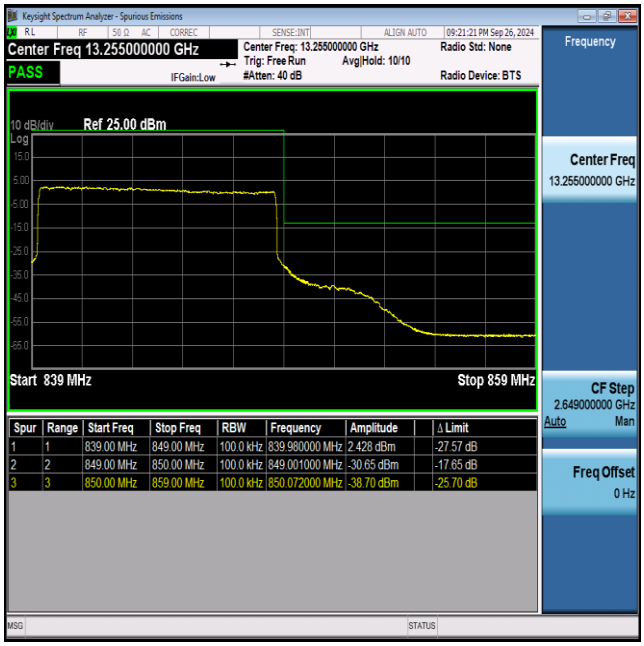

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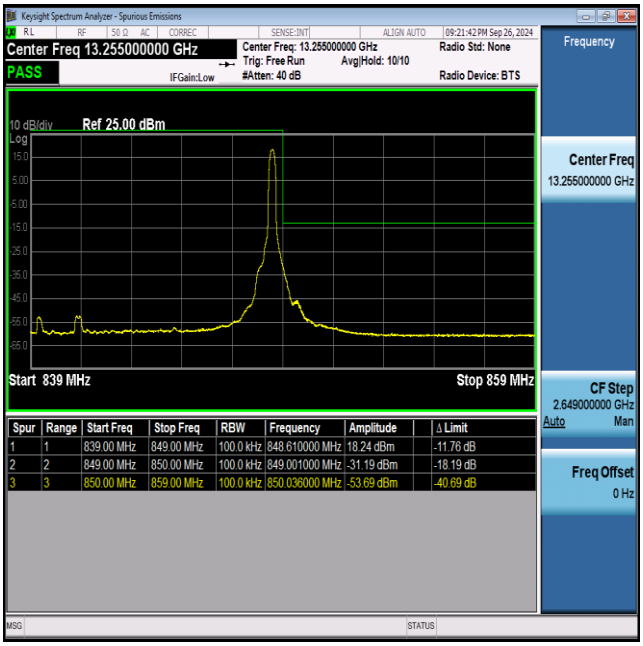

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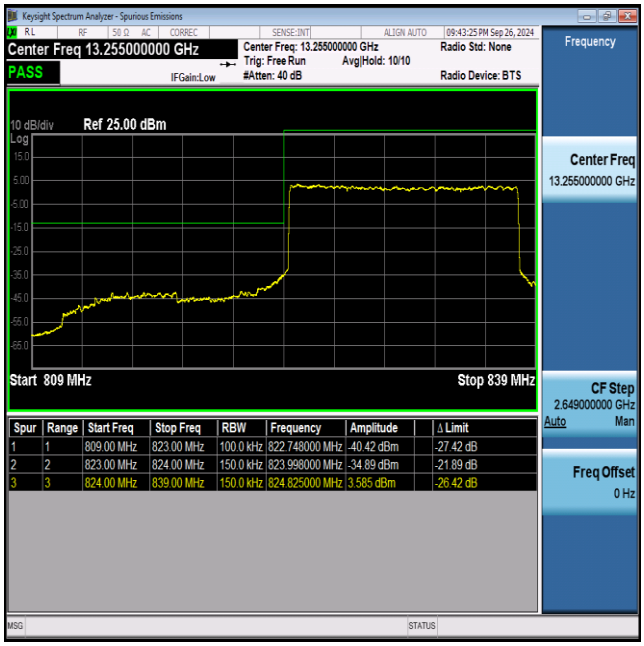

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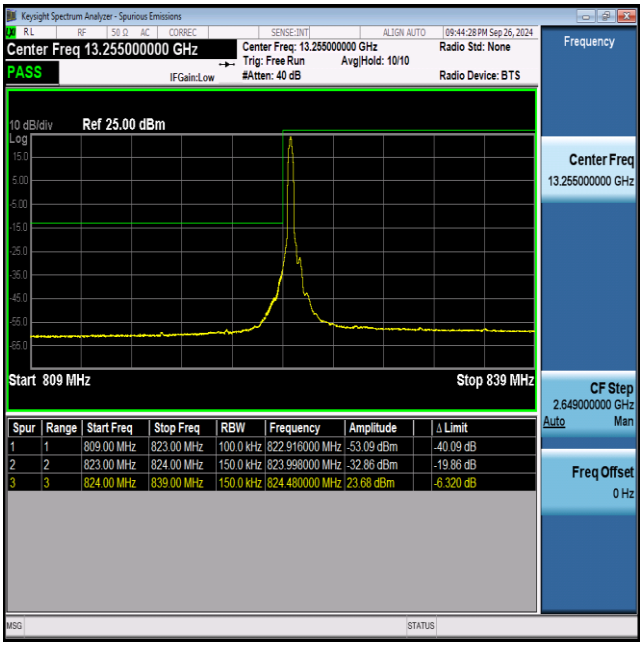

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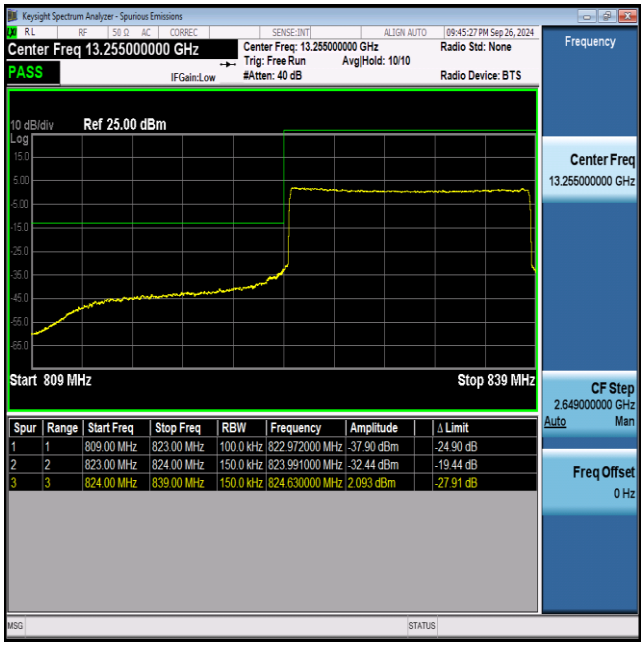

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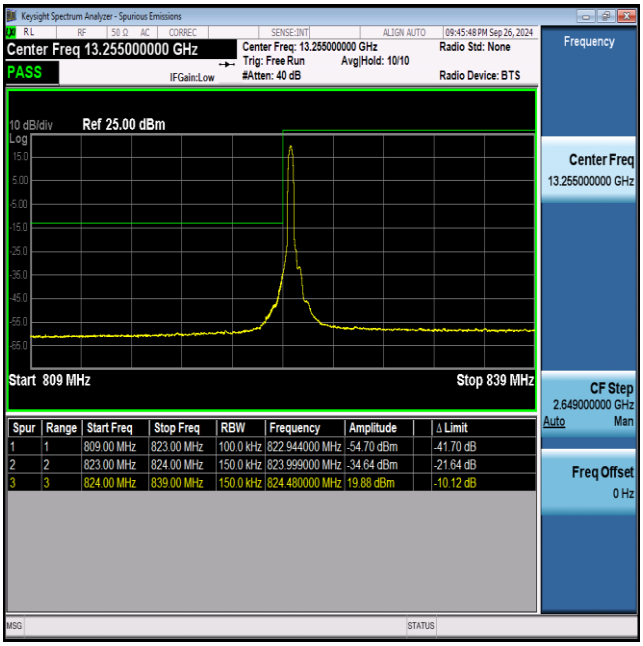

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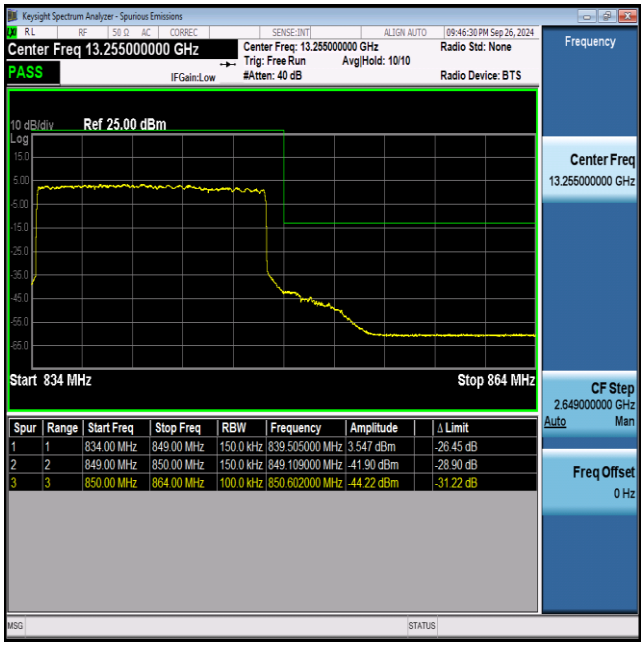

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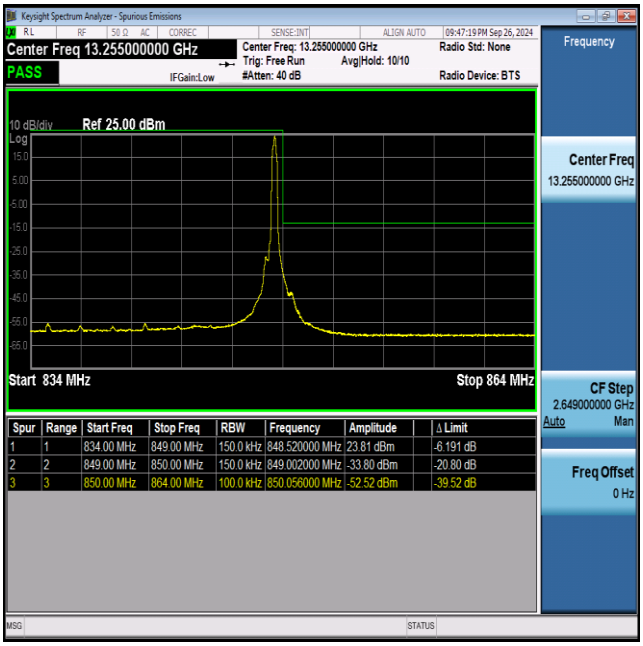

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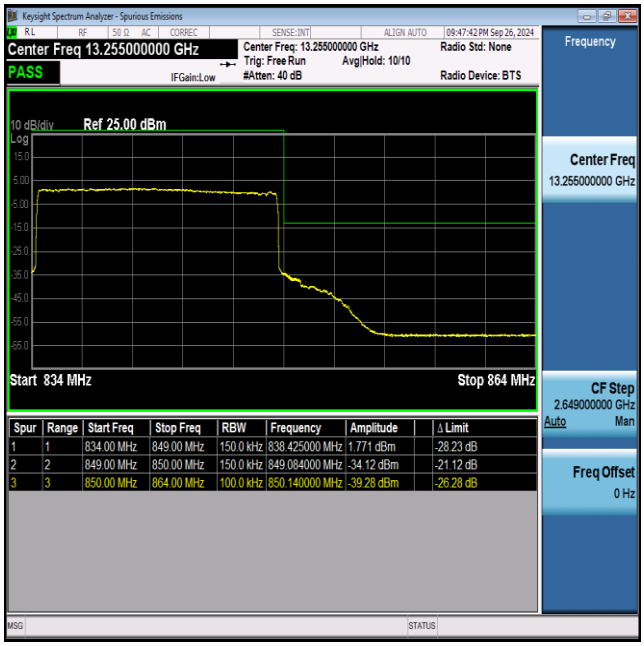

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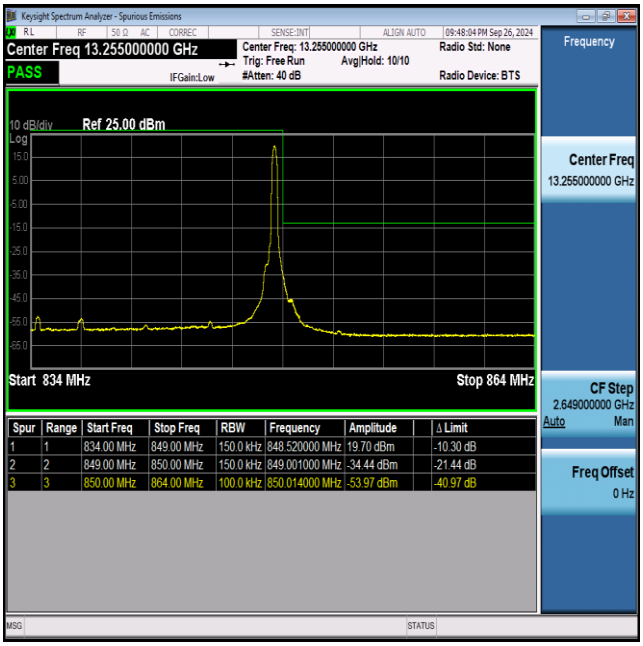

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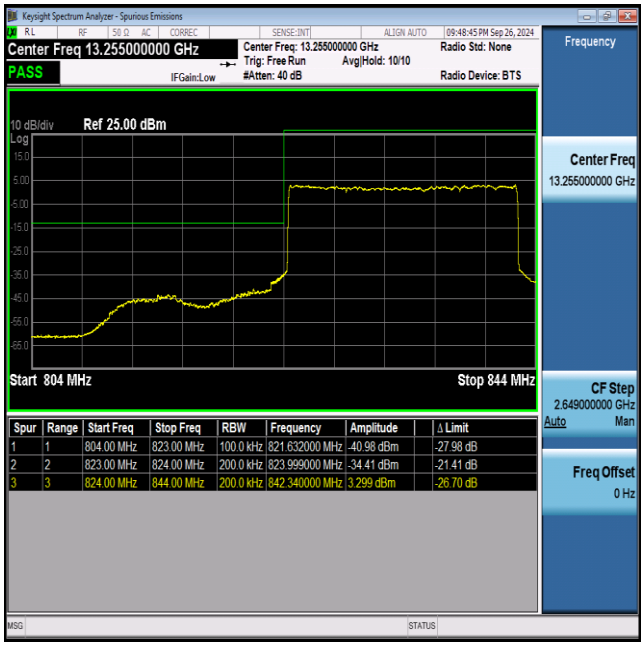

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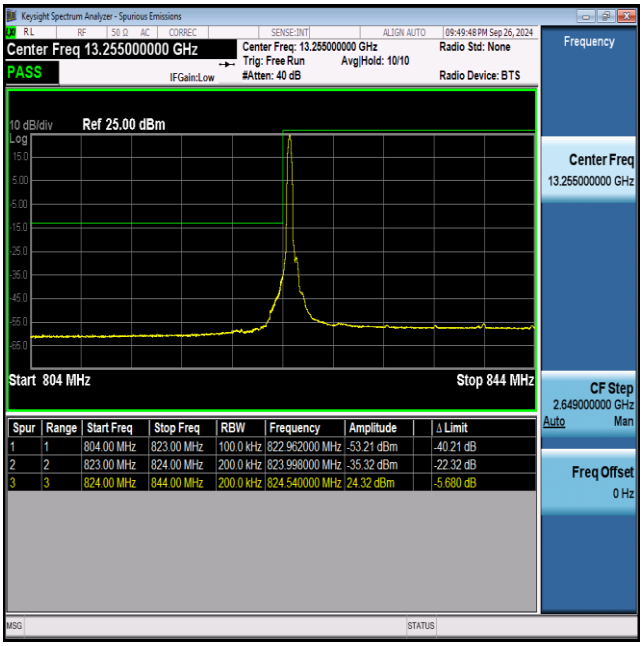

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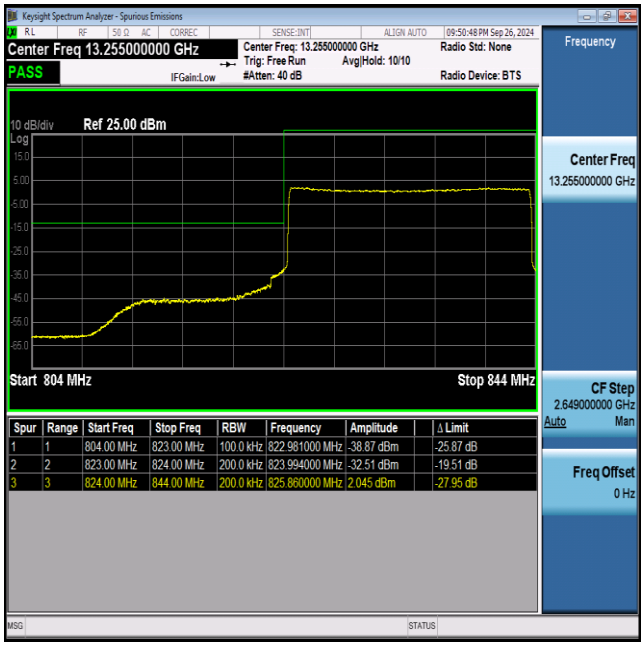

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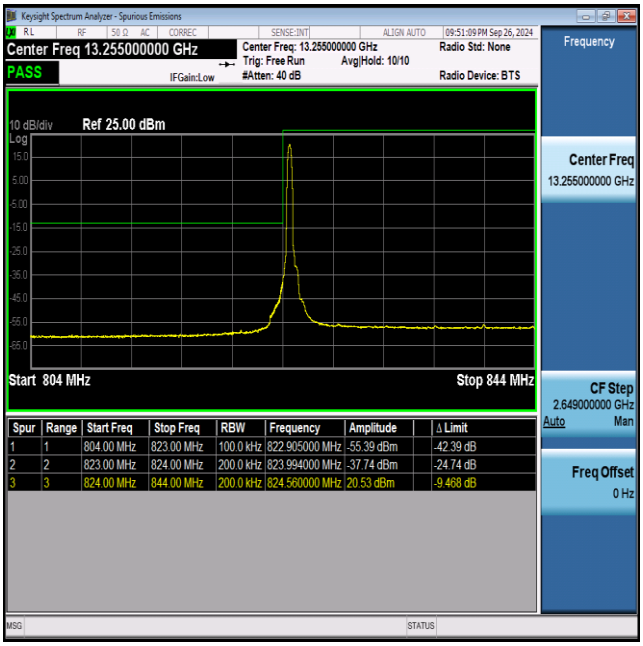

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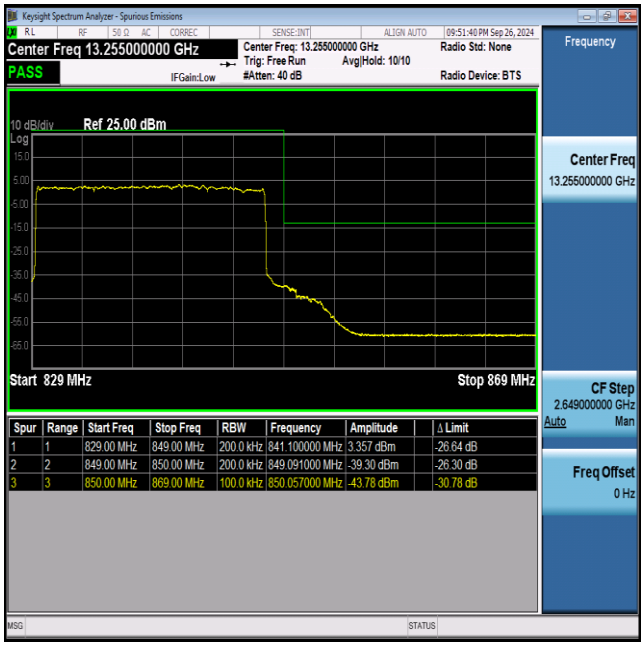

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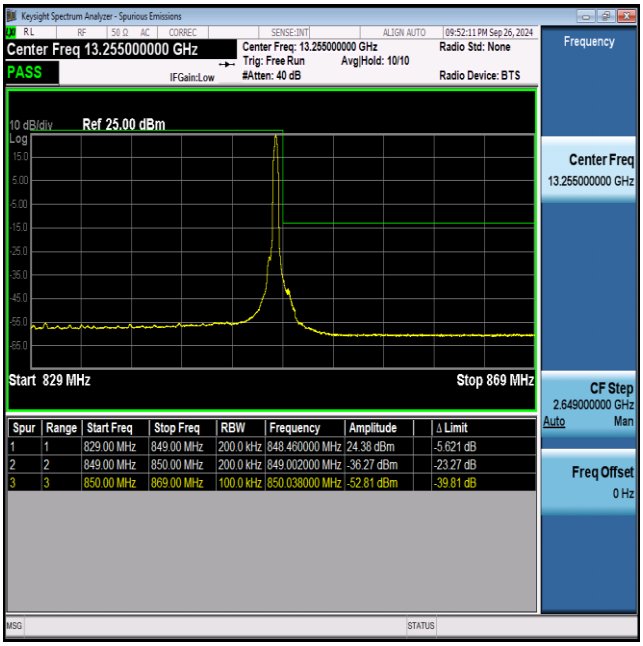

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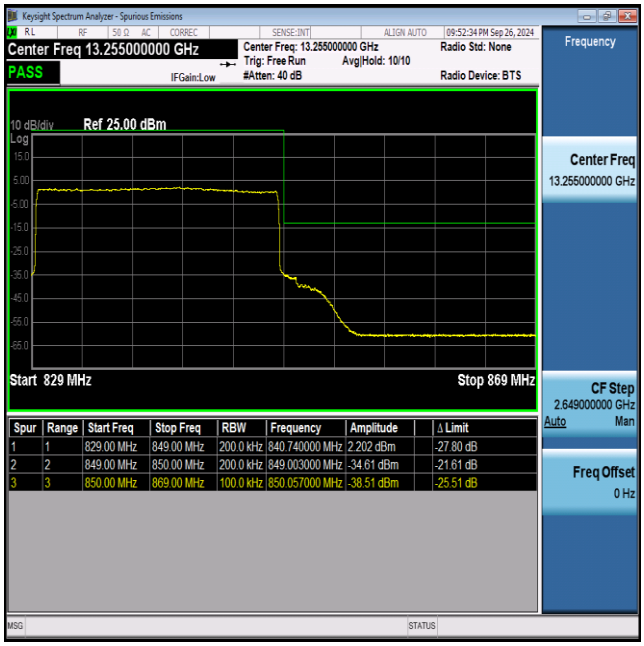

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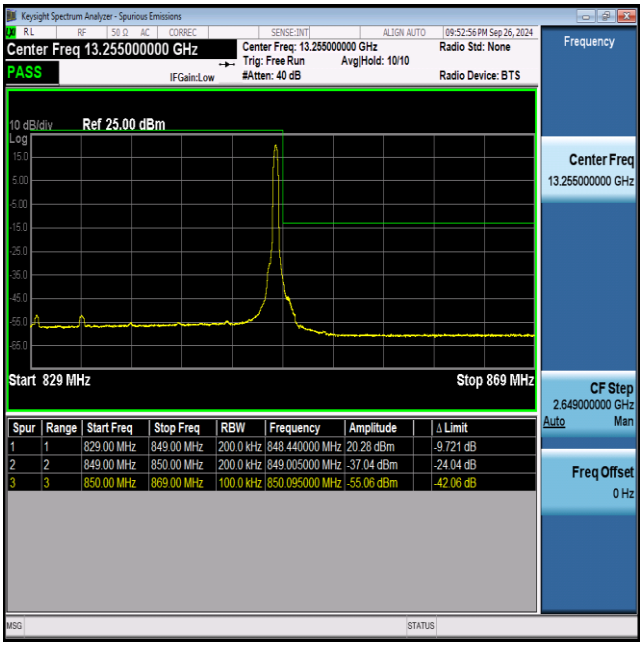

NTNV_N5_PC3_15_20_H_TID18__#1

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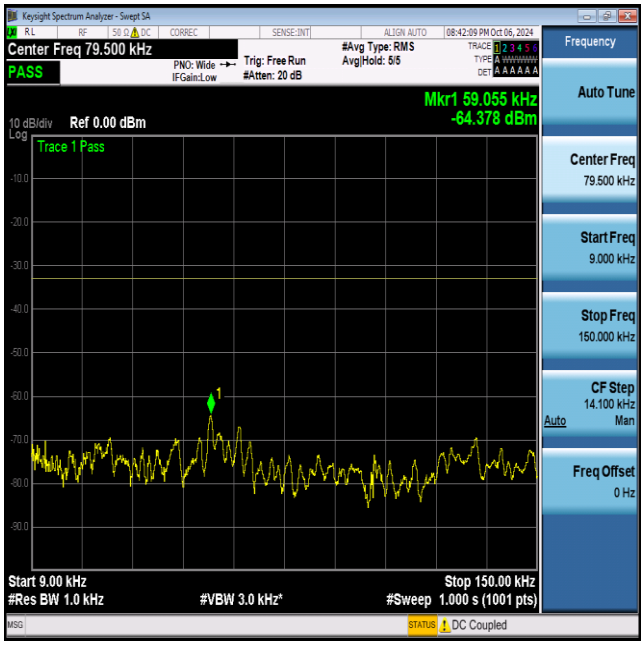
Conducted Spurious Emission for SA

Test Graphs



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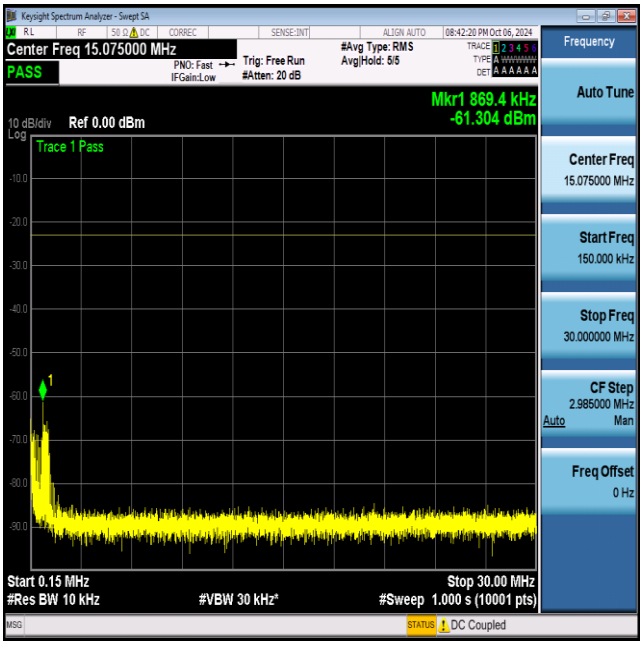

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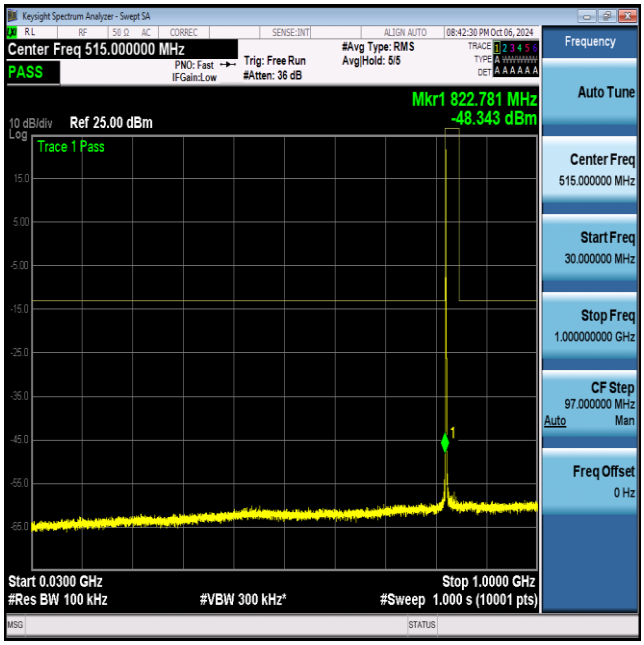

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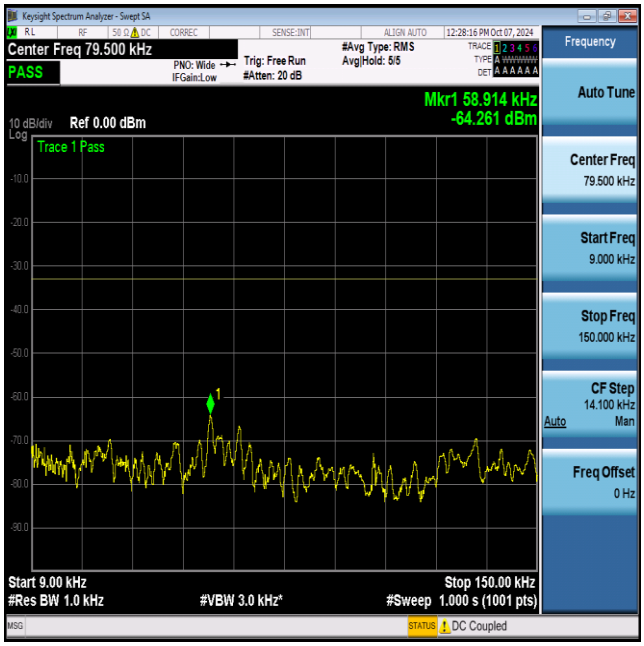

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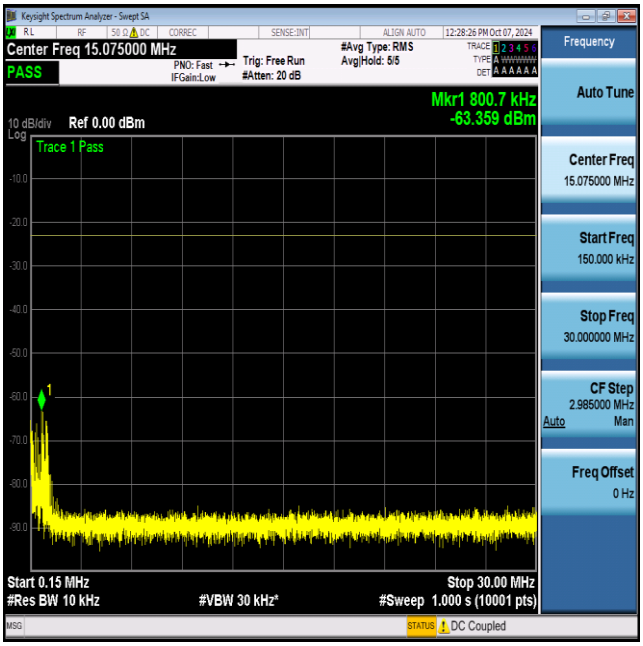

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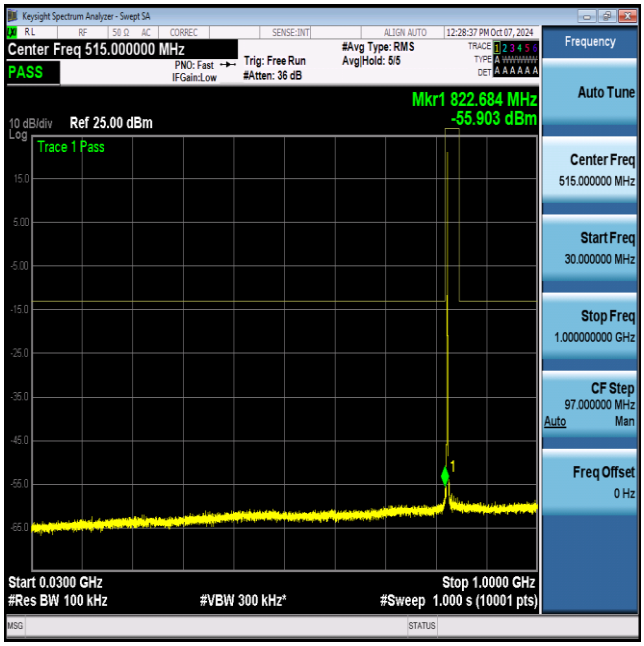

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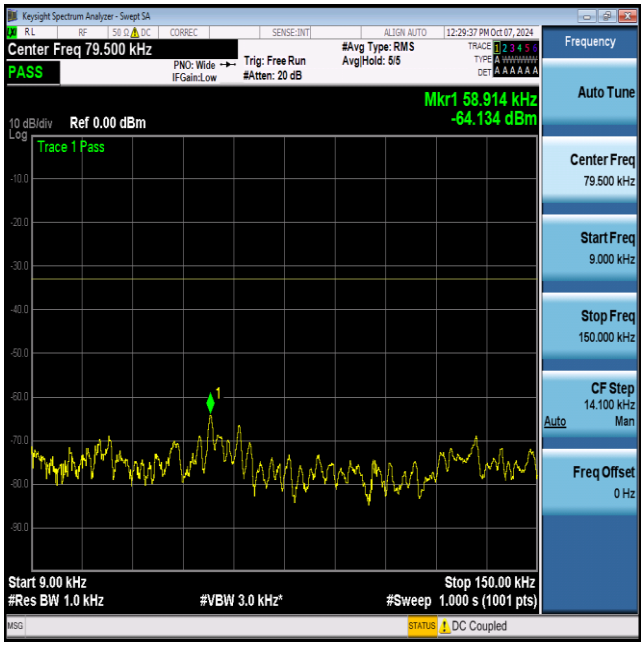

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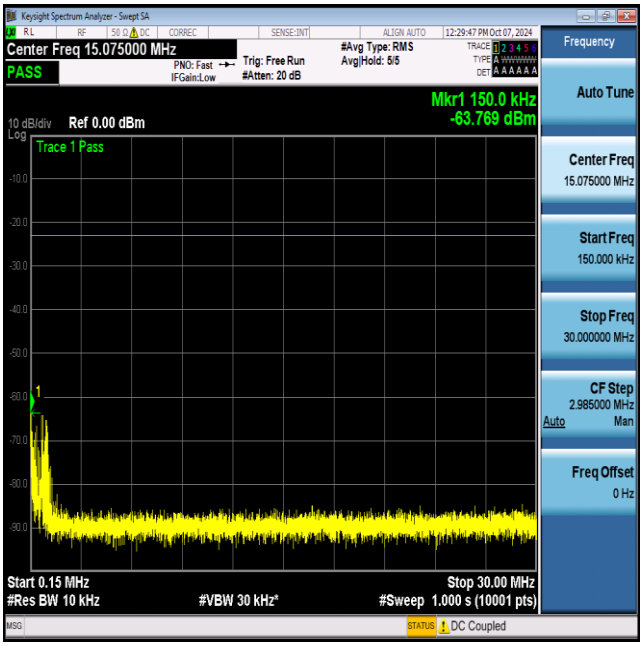

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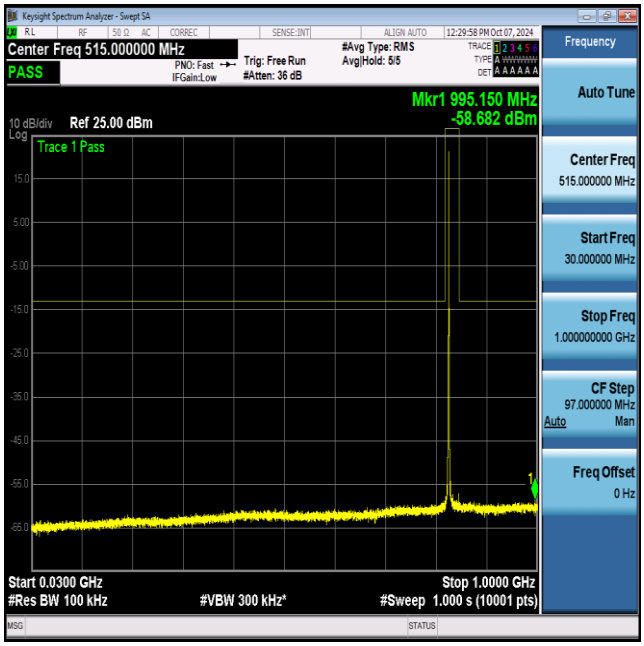

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NTNV_N5_PC3_15_20_H_TID2_NS_01_3000_12000_#1

NTNV_N5_PC3_15_20_H_TID2_NS_01_12000_20000_#1

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.600000	-0.010281	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-7.700000	-0.009205	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-11.000000	-0.013150	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	2.000000	0.002391	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	6.000000	0.007173	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	16.000000	0.019127	±2.5	PASS

Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-9.200000	-0.010998	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-8.199999	-0.009803	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-6.700000	-0.008010	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-10.100000	-0.012074	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.700000	-0.011596	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-9.500000	-0.011357	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-10.200000	-0.012194	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-10.700000	-0.012791	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-8.500000	-0.010161	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	12.000000	0.014345	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	7.000000	0.008368	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.002391	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	19.000000	0.022714	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	15.000000	0.017932	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	6.000000	0.007173	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	14.000000	0.016736	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	12.000000	0.014345	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	19.000000	0.022714	±2.5	PASS

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